

WHAT IS CLAIMED IS:

1. A database management method comprising the steps of:

entering a database definition request including identification information for specifying a database and access attribute information of said database;

if said access attribute information is an insert-only attribute, authorizing data insertion and access to data in said database;

specifying at least an attribute of data update prohibition to said database; and

disabling change of said attribute after said attribute is specified.

2. A database management method as claimed in claim 1, wherein said access attribute information includes a deletion prohibition period, and if said deletion prohibition period has passed since the time when said data to be deleted was registered, deletion of said data to be deleted is authorized, while if not, the deletion of said to be deleted is prohibited.

3. A database management method as claimed in claim 1, wherein data deletion prohibition is specified to said database.

4. A database management method as claimed in claim 1, wherein any one of change of a database name, deletion of a database, release of said insert-only attribute, and change of said deletion prohibition

period is prohibited in said database.

5. A database management method as claimed in claim 1, wherein said database with said insert-only attribute holds an unload date and time in said database, in the case of reloading said database, it is determined if said unload date and time is matched to that stored in an external storage medium, and if matched, the process of reloading said database is executed.

6. A database management method as claimed in claim 1, wherein if no insert-only attribute is specified to said database to be unloaded, the reload of said database with said insert-only attribute specified thereto is prohibited.

7. A database management method as claimed in any one of claims 1 to 6, wherein an access control for said specified database is applied to access of all users including a database manager.

8. A database management apparatus comprising:  
means for entering a database definition request including identification information for specifying a database and access attribute information of said database; and

means for, if said database definition request is a first specification of an insert-only attribute, authorizing data insertion and data access in said database and specifying at least a data update prohibition attribute to said database.

9. A database management program comprising the steps of:

entering a database definition request including identification information for specifying a database and access attribute information of said database;

if said access attribute information includes an insert-only attribute, authorizing data insertion and data access in said database and specifying at least data update prohibition attribute to said database; and

disabling change of said attribute after said attribute is specified.

10. A database management method as claimed in claim 1, wherein said access attribute information includes a data update postponement period, if said data update postponement period has not passed since the time when said data with said postponement period specified thereto was inserted, the update of said data is authorized, and if said postponement period has passed, said data update is prohibited.

11. A database management method as claimed in claim 1, wherein said insert-only attribute is specified to a column of said database.